



PATENT

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Alex Martinez

Applicant : Jin-Sung Kim, et al.  
Application No. : 10/718,478  
Filed : November 18, 2003  
Title : ELECTROLYTE FOR LITHIUM SECONDARY BATTERY AND  
LITHIUM SECONDARY BATTERY COMPRISING SAME  
Grp./Div. : To be assigned  
Examiner : To be assigned  
Docket No. : 51545/DBP/Y35

INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 10, 2003

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed foreign patent documents and other documents are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

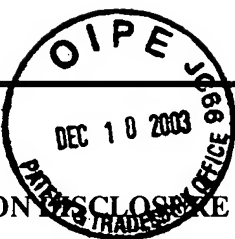
Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

D. Bruce Prout  
Reg. No. 20,958  
626/795-9900

DBP/mas

Enclosures: PTO/SB/08A/B, w/references  
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INFORMATION TO APPLICANT

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number

51545/DBP/Y35

Application Number

10/718,458

Filing Date

November 18, 2003

Applicant(s)

Jin-Sung Kim, et al. Jin-Sung Kim, et al.

Group Art Unit

To be assigned

Examiner Name

To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,290,414	03/01/1994	Marple
		US 6,194,099 B1	02/27/2001	Gernov et al.
		US 6,245,465 B1	06/12/2001	Angell et al.
		US 2001/0009744 A1	07/26/2001	Kim et al.
		US 2003/0148190 A1	08/07/2003	Hamamoto et al.

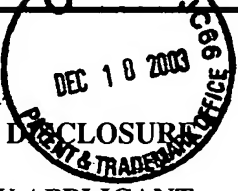
FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		EP 1 030 399 A1	08/23/2000	Tomohiro Sato, et al.	
		JP 3-152879	06/28/1991	Watanabe Hiroshi, et al.	Patent Abstract of Japan
		JP 5-307974	11/19/1993	Yoshida Hiroaki	Patent Abstract of Japan & Patent Application of Japan
		JP 6-333596	12/02/1994	Yamazaki Mikiya, et al.	Patent Abstract of Japan
		JP 7-230824	08/29/1995	Yoshida Hiroaki	Patent Abstract of Japan
		JP 8-64238	03/08/1996	Uehara Mayumi, et al.	Patent Abstract of Japan
		JP 8-321312	12/03/1996	Jinno Maruo	Patent Abstract of Japan
		JP 9-73918	03/18/1997	Ogawa Terumi	Patent Abstract of Japan
		JP 9-147913	06/06/1997	Jinno Maruo, et al.	Patent Abstract of Japan
		JP 09-205041	08/05/1997	Nishida Kazufumi, et al.	Patent Abstract of Japan
		JP 11-214001	08/06/1999	Suzuki Takashi, et al.	Patent Abstract of Japan
		JP 11-329494	11/30/1999	Hamamoto Shunichi, et al.	Patent Abstract of Japan & Patent Application of Japan

EXAMINER  
SIGNATURE

DATE  
CONSIDERED

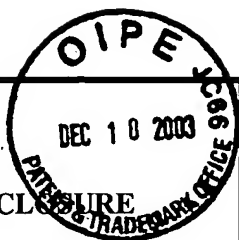
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.pto.gov](http://www.pto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B  <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Attorney Docket Number	51545/DBP/Y35
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		JP 2000-133305	05/12/2000	Hamamoto Shunichi, et al.	Patent Abstract of Japan
		JP 2000-348763	12/15/2000	Suzuki Emi, et al.	Patent Abstract of Japan
		KR 2000 2947	01/21/2000	Jin Sung Kim et al.	Corresponding US 2001/0009744 A1
		KR 2000 81253	12/23/2000	Kwang Sik Kim	Corresponding US 2001/0009744 A1
		WO 99/16144	04/01/1999	Tomohiro Sato, et al.	Abstract
		WO 99/19932	04/22/1999	Angell, et al.	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		MEGAHED et al., "Lithium-ion rechargeable batteries", <i>Journal of Power Sources</i> (1994), pgs. 79-104, Vol. 51,
		YANG et al., "Composition analysis of the passive film on the carbon electrode of a lithium-ion battery with an EC-based electrolyte", <i>Journal of Power Sources</i> (1998), pgs. 66-70, Vol. 72
		Patent Abstract of Japan, Publication No. 03-152879, Published on 06-28-1991, in the name of Watanabe Hiroshi, et al.
		Patent Abstract of Japan and Patent Application of Japan, Publication No. 05-307974, Published on 11/19/1993, in the name of Yoshida Hiroaki
		Patent Abstract of Japan, Publication No. 06-333596, Published on 12-02-1994, in the name of Yamazaki Mikiya, et al.
		Patent Abstract of Japan, Publication No. 07-230824, Published on 08-29-1995, in the name of Yoshida Hiroaki
		Patent Abstract of Japan, Publication No. 08-064238, Published on 03-08-1996, in the name of Uehara Mayumi, et al.

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**OTHER DOCUMENTS**

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Patent Abstract of Japan, Publication No. 09-073918, Published on 03-18-1997, in the name of Ogawa Terumi, et al.
		Patent Abstract of Japan, Publication No. 09-147913, Published on 06-06-1997, in the name of Jinno Maruo, et al.
		Patent Abstract of Japan, Publication No. 09-205041, Published on 08-05-1997, in the name of Nishida Kazufumi, et al.
		Patent Abstract of Japan, Publication No. 11-214001, Published on 08-06-1999, in the name of Suzuki Takashi, et al.
		Patent Abstract of Japan and Patent Application of Japan, Publication No. 11-329494, Published on 11-30-1999, in the name of Hamamoto Shunichi, et al.
		Patent Abstract of Japan, Publication No. 2000-133305, Published on May 12, 2000, in the name of Hamamoto Shunichi, et al.
		Patent Abstract of Japan, Publication No. 2000-348763, Published on December 15, 2000, in the name of Suzuki Emi, et al.

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